NO TAGGING

2587

R/V DAN MOORE STATION LOG

VESSEL (1)	STATION (2-5)	CRUISE NO. (6-8)	MO. (9-14)	DAY	YEAR	GRID (15-17)	LATITUDE (18-21)	LONGITUDE (22-25)
M	2589	036	10	14	74	22AM	3448	7621

DEPTH (26-29)	SUR. TEMP. (30-31)	BTM TEMP. (32-33)	AIR TEMP (34-35)	BAROMETER (36-38)	BT (39)	WIND DIR. (40-41)	WIND SPD. (42-43)
0002	22	20	24	029	Y	S	05

S.C. (44)	WEA. (45-46)	BTM TYPE (47-48)	BTM REG (49)	GEAR TYPE (50-51)	GEAR SIZE (52-54)	OP (55)	TM. START (56-57)	MIN. FISHED (58-60)
1	MC	SA	E	FT	070	—	17	030

RIG (61-62)	TOTAL FINFISH (63-67)	TOTAL CRUSTACEANS (68-71)	TOTAL SHELLFISH (72-75)	TOTAL OTHER (76-80)
01	01430	0011	0000	00000

RIG (61-62)	TOTAL FINFISH (63-67)	TOTAL CRUSTACEANS (68-71)	TOTAL SHELLFISH (72-75)	TOTAL OTHER (76-80)

POSITION	LATITUDE	LONGITUDE	LORAN		DEPTH fms	C/C	TIME ON STATION	
			3H6	3L1			PO	DO
START	34° 48′	76° 21′	1595	4860	2		1724	1725
							PU	ON
FINISH	34° 50′	76° 20′	1579	4859	3		1755	1800

LENGTH WARF	SHIFT RPM	PITCH	GEAR DATA:
75	909/5	50	

SPECIAL MODIFICATIONS

OPERATIONAL COMMENTS

24 FT
20.0°C Bottom Temp - 21.6°C surface

OBSERVATIONS

R/V DAN MOORE SPECIES LIST

STA. NO. 2589 DATE 14 Oct. 1974 BIOLOGISTS BFH, ABP

TOT.CATCH WT. 1441 Finfish: 1430 Crust.: 11 Moll.: — Other —

AIR 24°C SURFACE 21.6 Bott. 21.0

22AM

SPECIES	CODE	NUMBER	WEIGHT	DATA TAKEN	REMARKS
26 baskets total x	55=		1430		
Flounder (addit)			11		
			1441		
Subsamples 58					
52					
110					
$\bar{x} = \sqrt{\ }$					
	Subsampled				
Leiostomus xanthurus		148	32#	14.5 KG	
Micropogon undulatus		63	11#	5.0 KG	
Stenotomus caprinus		246	24#	10.9 KG	
Cynoscion regalis		20	2.3 KG		
Penaeids Theads on	(Crust.)	7	.36 KG	—	
Centropristes philadelphicus		1	.16 KG		
Peprilus triacanthus		15	.8 KG		
Orthopristes chrysoptera		10	.74 KG		
Chaetodipterus faber		17	.58 KG		
Larimus fasciatus		4	.34 KG		
P. dentatus		4	.60 KG		
Pomatomus saltatrix		1	.14 KG		
Citharichthys		1	Tr		
Prionotus evolans		1	.1 KG		
Raja eglanteria		77	9#	4.1 KG	
Dasyatis sp.		5	6#	2.7 KG	
Menticirrhus saxatilis		1	.28 KG		
M. americanus		21	3.42 KG		
		Total	47.11 KG		
			103.6416s		

OCTOBER Species: *Paralichthys dentatus* (1974-1975)

Specimen Number	T.L.	Sex	Otoliths	Gonads	Fecundity	Back-calc.	Age	Gonad Stage	Station Number	Remarks
10-1	237	♂	✓	–	–			–	2589 ✓	Area III
10-2	216	♂	✓	–	–			–	"	oct '74
10-3	221	♂	✓	–	–			–	"	
10-4	269	♀	✓	–	–			I	"	
10-5	282	♂	✓	–	–			–	"	
10-6	251	♂	✓	–	–			–	"	
10-7	250	♂	✓	–	–			–	"	
10-8	200	♀	✓	–	–			I	"	
10-9	316	♀	✓	2.0	–			I	"	
10-10	254	♀	✓	–	–			I	"	
10-11	230	♂	✓	–	–			–	"	
10-12	296	♀	✓	–	–			I	"	
10-13	266	♀	✓	–	–			I	"	
10-14	301	♂	✓	–	–			–	"	
10-15	255	♀	✓	0.6	–			I	"	
10-16	359	♂	✓	–	–			–	"	
10-17	256	♂	✓	–	–			–	"	
10-18	245	♀	✓	0.5	–			I	"	
10-19	219	♂	✓	–	–			–	"	
10-20	253	♂	✓	–	–			–	"	
10-21	251	♀	✓	–	–			I	"	
10-22	220	♂	✓	–	–			–	"	
10-23	282	♂	✓	–	–			–	"	
10-24	307	♀	✓	1.4	–			I	"	
10-25	218	♀	✓	–	–			I	"	
10-26	220	♂	✓	–	–			–	2588 ✓	oct '74
10-27	267	♂	✓	–	–			–	"	Area III
10-28	230	♂	✓	–	–			–	"	
10-29	210	♂	✓	–	–			–	"	
10-30	300	♀	✓	1.7	–			I	"	
10-31	212	♀	✓	–	–			I	"	
10-32	182	♀	✓	–	–			I	"	
10-33	278	♂	✓	–	–			–	"	
10-34	259	♂	✓	–	–			–	"	
10-35	248	♂	✓	–	–			–	"	
10-36	213	♂	✓	–	–			–	"	
10-37	246	♀	✓	–	–			I	"	
10-38	273	♀	✓	–	–			I	"	
10-39	212	♂	–	–	–			–	"	
10-40	220	♂	–	–	–			–	"	
10-41	218	♂	–	–	–			–	"	
10-42	266	♀	✓	–	–			–	"	
10-43	230	♂	✓	–	–			–	"	
10-44	253	♀	✓	–	–			I	"	
10-45	279	♀	✓	–	–			I	"	
10-46	242	♀	✓	–	–			I	"	
10-47	232	♂	✓	–	–			–	"	
10-48	241	♂	–	–	–			–	"	
10-49	209	♂	✓	–	–			–	"	
10-50	210	♀	✓	–	–			I	"	

October, 1974 Species: Paralichthys Lethostigma (1974-1975)

Specimen Number	T.L.	Sex	Otoliths	Gonads	Fecundity	Back-calc.	Age	Gonad Stage	Station Number	Remarks
10-1L	405	♀	✓	8.8	—			II	2589	
10-2L	355	♂♀	✓	—	—			—	2603	
10-3L	386	♀	✓	6.9	—			III	2607	
10-4L	426	♀	✓	11.5	—			III	2602	
10-5L	312	♂	✓	—	—			—	2614	
10-6L	415	♀	✓	5.2	—			II	2610	Broken down
10-7L	504	♀	✓	13.3	—			II	2587	
10-8L	364	♂	✓	—	—			—	2595	
10-9L	503	♀	✓	15.8	—			III	2608	
10-10L	476	♀	✓	15.3	—			II	2601	
10-11L	500	♀	✓	20.2	—			III	2601	
10-12L	420	♀	✓	8.4				I or II	2601	

(10)

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October 1974

Paralichthys lethostigma

Specimen	TL	SEX	NO. RINGS	RADIUS	
10-1L	465	♀	3	63	1-23 2-34 3-53
10-2L	355	♂	2	55	1-14 2-43
10-3L	386	♀	1	57	1-43
10-4L	426	♀	3	63	1-23 2-40 3-53
10-5L	312	♂	3	54	1-20 2-43 3-50
10-6L	415	♀	1	61	1-50 POOR
10-7L	504	♀	3	66	1-26 2-44 3-58
10-8L	364	♂	3	51	1-18 2-28 3-46
10-9L	503	♀	2	57	1-27 2-52
10-10L	476	♀	2	tip broken	1-27 2-54
10-11L	500	♀	3	68	1-20 2-36 3-55
10-12L	420	♀	-	-	OTOLITH DETERIORATED

October, 1974 Species: Paralichthys Albigutta (1974-1975)

Specimen Number	T.L.	Sex	Otoliths	Gonads	Fecundity	Backscatter	Age	Gonad Stage	Station Number	Remarks
10-1A	323	♀	✓	1.7				I	2589	
10-2A	330	♀	✓	1.2				I	2591	
10-3A	282	♂	✓	—				—	2594	
10-4A	286	♀	✓	0.8				I	2603	
10-5A	290	♂	✓	—				—	2623	
10-6A	285	♂	✓	—				—	11	
10-7A	278	♂	✓	—				—	2602	
10-8A	299	♂	✓	—				—	2594	
10-9A	241	♂	✓	—				—	11	
10-10A	252	♀	✓	—				I	11	
10-11A	473	♀	✓	18.0				III	2618	ovaries deteriorated
10-12A	300	♀	✓	1.0				II	2604	
10-13A	272	♀	✓	—				II	2604	
10-14A	332	♀	✓	1.7				II	2587	
10-15A	291	♂	✓	—				—	2592	
10-16A	294	♂	✓	—				—	11	
10-17A	239	♀	✓	—				I	11	
10-18A	318	♀	✓	1.2				I ?	11	
10-19A	363	♀	✓	3.7				I or II ?	11	
10-20A	299	♂	✓	—				—	2591	
10-21A	310	♀	✓	1.9				I	2601	
10-22A	290	♀		0.4				I	2604	

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2589